

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 03/04262

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B1/44 H01P1/15

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04B H01P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 237 222 A (ERICSSON TELEFON AB L M) 4 September 2002 (2002-09-04) page 2, line 7 - line 9 figure 3A	1,9-11
X	US 6 021 318 A (SCHAFER JOSEF-PAUL) 1 February 2000 (2000-02-01) column 1, line 7 - line 17 figures 1,2	1,2,9-11
A	EP 1 152 543 A (MATSUSHITA ELECTRIC IND CO LTD) 7 November 2001 (2001-11-07) cited in the application figures 7,8	1-11

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Avilés Martínez, L

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			WO 02069435 A1	06-09-2002
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			CN 1195239 A ,B	07-10-1998
			EP 0862279 A2	02-09-1998
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			US 2002137471 A1	26-09-2002